

ABSTRACT OF THE DISCLOSURE

|Movement Control System

The present invention relates to a movement control system which can be used to control moving platforms such as vehicles or robotic arms. It especially applies to a driving aid for vehicles and to a parking aid capable of self-parking a vehicle.

A three-dimensional camera (12) is located on the platform, say a car (102) and arranged to view (114) the environment around the platform. A processor (7) uses the three-dimensional information to create a model of the environment which is used to generate a movement control signal.

Preferably the platform moves relative to the environment and acquires a plurality of images of the environment from different positions.